| | | Future Flight De | esign |
|--------------------|-------|------------------|--|
| | | 2004 Scienc | |
| | | Performance Star | ndards |
| Georgia Science | | | |
| Grade 5 | | | |
| Activity/Lesson | State | Standards | |
| Air Transportation | | | Use numerical data in describing and |
| Problem | GA | SCI.5.S5CS5.c | comparing objects and events. |
| | | | Scientific investigations may take many |
| | | | different forms, including observing what |
| | | | things are like or what is happening |
| Air Transportation | | | somewhere, collecting specimens for |
| Problem | GA | SCI.5.S5CS8.a | analysis, and doing experiments. |
| | | | Clear and active communication is an |
| | | | essential part of doing science. It enables |
| | | | scientists to inform others about their work, |
| | | | expose their ideas to criticism by other |
| Air Transportation | | | scientists, and stay informed about scientific |
| Problem | GA | SCI.5.S5CS8.b | discoveries around the world. |
| | | | |
| | | Future Flight De | esian |
| | | 2004 Scienc | |
| | | Performance Star | ndards |
| Georgia Science | | | |
| Grade 6 | | | |
| Activity/Lesson | State | Standards | |
| Air Transportation | | | |
| Problem | GA | SCI.6.S6CS3.d | Draw conclusions based on analyzed data. |
| | | | Scientific investigations are conducted for |
| | | | different reasons. They usually involve |
| Air Transportation | | | collecting evidence, reasoning, devising |
| Problem | GA | SCI.6.S6CS9.a | hypotheses, and formulating explanations. |
| | | | 71 7 3 1 |
| | | | Scientists often collaborate to design |
| Air Transportation | | | research. To prevent bias, scientists conduct |
| Problem | GA | SCI.6.S6CS9.b | independent studies of the same questions. |
| | | | , |
| | | | Scientists often collaborate to design |
| Aircraft Design | | | research. To prevent bias, scientists conduct |
| Problem | GA | SCL6.S6CS9 h | independent studies of the same questions. |
| 1 10010111 | | 001101000010 | |
| | l | Future Flight De | ı esian |
| | | 2004 Scienc | |
| | | Performance Star | |
| Georgia Science | | | |
| Grade 7 | | | |
| Activity/Lesson | State | Standards | |
| Air Transportation | Ciato | Jundanas | Use the mean, median, and mode to analyze |
| Problem | GA | SCL7 S7CS3 h | a set of scientific data. |
| Air Transportation | | 001.7.07003.0 | a sot of solontino data. |
| Problem | GA | SCI 7 S7CS3 4 | Draw conclusions based on analyzed data. |
| FIUDIEIII | JGA | 301.7.37033.0 | Diaw conclusions based on analyzed data. |

| | | | Scientific investigations usually involve | | | |
|----------------------------|----------|------------------|---|--|--|--|
| | | | collecting evidence, reasoning, devising | | | |
| Air Transportation | | | hypotheses, and formulating explanations to | | | |
| Problem | GA | SCI 7 S7CS0 h | make sense of collected evidence. | | | |
| riobieiii | GA | 301.7.37039.0 | Scientists often collaborate to design | | | |
| | | | _ | | | |
| Air Transportation | | | research. To prevent this bias, scientists | | | |
| Air Transportation Problem | C A | 001.7.07000.4 | conduct independent studies of the same | | | |
| Problem | GA | SCI.7.S7CS9.d | • | | | |
| | | | Scientists often collaborate to design | | | |
| | | | research. To prevent this bias, scientists | | | |
| Aircraft Design | | 001 - 0-000 1 | conduct independent studies of the same | | | |
| Problem | GA | SCI.7.S7CS9.d | questions. | | | |
| | | | | | | |
| | | Future Flight De | esign | | | |
| 2004 Science | | | | | | |
| Performance Standards | | | | | | |
| Georgia Science | | | | | | |
| Grade 8 | <u> </u> | | | | | |
| Activity/Lesson | State | Standards | | | | |
| Air Transportation | | | Find the mean, median, and mode and use | | | |
| Problem | GA | SCI.8.S8CS3.b | them to analyze a set of scientific data. | | | |
| | | | Investigations are conducted for different | | | |
| | | | reasons, which include exploring new | | | |
| | | | phenomena, confirming previous results, | | | |
| | | | testing how well a theory predicts, and | | | |
| | | | comparing different theories. Scientific | | | |
| | | | investigations usually involve collecting | | | |
| | | | evidence, reasoning, devising hypotheses, | | | |
| Air Transportation | | | and formulating explanations to make sense | | | |
| Problem | GA | SCI.8.S8CS9.a | of collected evidence. | | | |
| | | | Scientists often collaborate to design | | | |
| | | | research. To prevent this bias, scientists | | | |
| Air Transportation | | | conduct independent studies of the same | | | |
| Problem | GA | SCI.8.S8CS9.d | questions. | | | |
| | | | Scientists often collaborate to design | | | |
| | | | research. To prevent this bias, scientists | | | |
| Aircraft Design | | | conduct independent studies of the same | | | |
| Problem | GA | SCI.8.S8CS9.d | | | | |
| | | | Demonstrate the effect of balanced and | | | |
| Aircraft Design | | | unbalanced forces on an object in terms of | | | |
| Problem | GA | SCI.8.S8P3.b | gravity, inertia, and friction. | | | |